

Converting Colors

XYZ(19.1358, 18.5994, 18.1817)

Have a look what the booklet for
XYZ(19.1358, 18.5994, 18.1817)
contains.

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Color

**XYZ(19.1030, 18.6046,
18.2070)**

Conversions

Conversions Part 1

Format	Color
Hex	877371
RGB	135, 115, 113
RGB Percent	53%, 45%, 44%
CMY	0.4706, 0.5490, 0.5569
CMYK	0.00, 0.15, 0.16, 0.47
HSL	5°, 9%, 49%
HSV	5°, 16%, 53%
XYZ	19.1030, 18.6046, 18.2070
YIQ	120.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

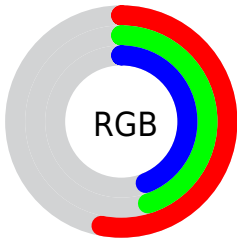
Format	Color
R_{YB}	135, 115, 113
Decimal	8876913
CIE Lab	50.22, 7.44, 3.99
CIE LCh	50, 8.446, 28.190
Yxy	18.6046, 0.3416, 0.3327
Android (android.graphics.Color)	4287066993 (0xFF877371)
YUV	120.7520, -3.8217, 12.4955
Hunter-Lab	43.1330, 3.5722, 5.1661

Details

The XYZ color **19.1030, 18.6046, 18.2070** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.5706, 22.0345, 26.1433**, and the grayscale version is **18.1034, 19.0462, 20.7413**.

A 20% lighter version of the original color is **41.3493, 41.0454, 41.3405**, and **6.7076, 6.3273, 5.8688** is the 20% darker color. If you saturate the color by 10%, you get **17.0915, 15.7087, 14.0616**, and if you desaturate by 10%, it is **21.4149, 21.9200, 23.0109**.

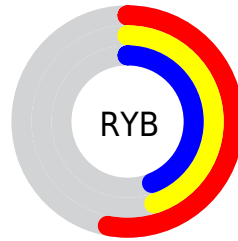
Distribution



Red (53%)

Green (45%)

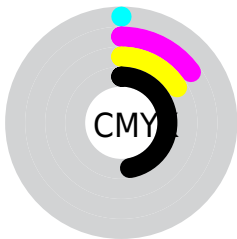
Blue (44%)



Red (53%)

Yellow (45%)

Blue (44%)

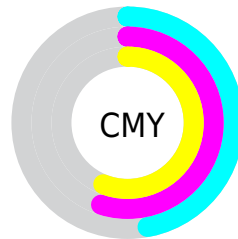


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1030, 18.6046, 18.2070 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 19.1030, 18.6046, 18.2070 by changing the saturation by 10% instead.

■ 19.1030, 18.6046,
18.2070

■ 19.1030, 18.6046,
18.2070

239.9440,
244.2571, 254.3104

■ 11.8492, 11.3849,
10.9277

■ 41.4236, 41.0649,
41.2084

■ 6.7125, 6.3264,
5.9047

■ 57.2211, 57.0743,
57.7677

■ 3.3277, 3.0445,
2.7194

■ 76.5972, 76.7824,
78.2573

■ 1.3293, 1.1550,
0.9532

■ 99.9172, 100.5736,
103.0959

■ 0.2050, 0.0245,
0.0000

127.5466,
128.8323, 132.7019

■ 0.0000, 0.0000,
0.0000

159.8506,

161.9428, 167.4940

197.1946,
200.2896, 207.8907

■ 19.1030, 18.6046,
18.2070

■ 19.1030, 18.6046,
18.2070

■ 17.0915, 15.7087,
14.0616

■ 21.4149, 21.9200,
23.0109

■ 15.3666, 13.2132,
10.5448

■ 24.0372, 25.6681,
28.4988

■ 13.9157, 11.1012,
7.6262

■ 26.9815, 29.8645,
34.6967

■ 12.7246, 9.3536,
5.2726

■ 30.2581, 34.5234,
41.6286

■ 11.7779, 7.9499,
3.4472

■ 33.8769, 39.6584,
49.3174

■ 11.0584, 6.8672,
2.1092

■ 37.8476, 45.2823,
57.7851

■ 10.5470, 6.0801,
1.2117

■ 42.1792, 51.4078,
67.0528

■ 10.2170, 5.5576,
0.6778

■ 46.8807, 58.0468,
77.1406

■ 10.1267, 5.4209,
0.5126

■ 51.9604, 65.2109,
88.0682

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



19.2989, 18.6046, 20.3996



19.1030, 18.6046, 18.2070



18.5235, 18.6046, 16.6722

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



19.1030, 18.6046, 18.2070



16.3825, 18.6046, 17.9789



17.6336, 18.6046, 25.0908

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



19.1030, 18.6046, 18.2070



19.5706, 22.0345, 26.1433

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.8686, 18.6046, 24.3226



19.1030, 18.6046, 18.2070



16.1602, 18.6046, 20.1156

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



19.1030, 18.6046, 18.2070



16.9519, 18.6046, 16.5477



16.3354, 18.6046, 22.4559



18.4350, 18.6046, 24.4834

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



19.1030, 18.6046, 18.2070



18.0063, 18.6046, 16.1679



16.3354, 18.6046, 22.4559



17.3638, 18.6046, 24.9838

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



19.1035, 18.6054, 18.2074



38.8764, 40.0080, 42.3065



20.1421, 18.6594, 24.7908



8.9401, 9.1749, 9.6657



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.1035, 18.6054, 18.2074



32.6508, 31.0756, 29.3831



20.4120, 21.2224, 18.6436



4.7042, 4.7519, 4.8986



9.3431, 5.0088, 0.4744



0.0344, 0.0215, 0.0023

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



19.5706, 22.0345, 26.1433



33.6703, 38.5644, 46.7174



18.1634, 19.2202, 25.6743



4.7664, 5.2084, 5.9549



10.5360, 14.6199, 23.4033



0.0391, 0.0559, 0.0820

Previews

White Background



This preview shows how the XYZ color 19.1030, 18.6046, 18.2070 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 19.1030, 18.6046, 18.2070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1030, 18.6046, 18.2070

Background



This preview shows how black text looks on a background with the XYZ color 19.1030, 18.6046, 18.2070.



This preview shows how white text looks on a background with the XYZ color 19.1030, 18.6046,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

19.1030, 18.6046, 18.2070

Protanopia

17.8597, 18.6424, 18.8767

Deuteranopia

19.0575, 18.7514, 18.2377



Tritanopia

19.6835, 18.6740, 20.9794

Trichromacy



Original Color

19.1030, 18.6046, 18.2070

Protanomaly

18.2681, 18.6838, 18.5631

Deuteranomaly

19.0575, 18.7514, 18.2377

Tritanomaly

19.5004, 18.6008, 20.0153

Monochromacy



Original Color

19.1030, 18.6046, 18.2070

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

18.4710, 18.9373, 19.8213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1030, 18.6046, 18.2070 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(135, 115, 113) looks like.

```
.text, #text, p{  
    color:rgb(135, 115, 113)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(135, 115, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 115, 113) }
```

Border

The CSS property to change the border of an element to XYZ 19.1030, 18.6046, 18.2070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 115, 113) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(135, 115, 113) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(135, 115, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 115, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 115, 113);  
box-shadow:4px 4px 4px 4px rgb(135, 115,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1030, 18.6046, 18.2070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 115, 113) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(135,  
115, 113) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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